



SEQUENCE LISTING

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Lilleberg, Stan
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<120> Vectors for Gene Mutagenesis and Gene Discovery

<130> 07705.0001-00000

<140> US 09/443,282

<141> 1999-11-19

<150> US 09/276,533

<151> 1999-03-25

<150> US 60/109,302

<151> 1998-11-20

<150> US 60/081,727

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<150> US 60/079,729

<151> 1998-03-27

<160> 33

<170> PatentIn version 3.2

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43

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<213> adenovirus

<400> 2

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41

<210> 3

<211> 35

<212> DNA

<213> mus musculus

<400> 3

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35

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<211> 42

<212> DNA

<213> mus musculus

<400> 4

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42

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<400> 19
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cagacgtg 68

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<213> Artificial Sequence

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cagacgug 68

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tgacagacgtg	70

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ugcagacgug	70

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ctactaacat tgccttttcc tccttccctc ccacaggtgg aagagctcgg gtaccaggag	120
aggagaggag aggagaggag aggagaggag aggagaggag aggagaggag aggagatctc	180
aggtgagttc gcatgtgctt cgaacttggtg tgcattgcgtt ctaaaagggc ttctcttggt	240
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<400> 25	
gtggaagagc tcgggtacca ggagaggaga ggagaggaga ggagaggaga ggagaggaga	60
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<400> 26	
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96

<210> 27
<211> 526
<212> DNA
<213> Artificial Sequence

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<220>
<221> misc_feature
<222> (20)..(518)
<223> n = a, t, c, or g

<220>
<221> misc_feature
<222> (20)..(518)
<223> each of these residues may be absent or present

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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 120
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 180
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 300
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 360
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 420
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 480
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<210> 28
<211> 528
<212> DNA
<213> Artificial Sequence

<220>
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<220>
<221> misc_feature
<222> (22)..(520)
<223> n = R

<220>
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<222> (22)..(520)
<223> n = a, t, c, or g

<220>
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<223> each of these residues may be absent or present

<400> 28

atgtggaaga gctcgggtac cnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	60
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	120
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	180
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	240
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	300
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	360
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	420
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	480
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<210> 29

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<221> misc_feature

<222> (22)..(520)

<223> n = v

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<222> (22)..(520)

<223> n = a, t, c, or g

<220>

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<222> (22)..(520)

<223> each of these residues may be absent or present

<400> 29

atgtggaaga gctcgggtac cnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	60
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	120
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	180
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	240
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	300
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	360
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	420
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	480
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn tctcaggt	528

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 atctcaggt 69

<210> 31
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 <212> DNA
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 <400> 31
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 agatctcagg
 tgagttcgca tgtgctt 77

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<220>
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 <222> (5)..(254)
 <223> Sequence "agagg" repeats 1-50 times, maximum number of repeats shown

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 gaggagagga gaggagagga gaggagagga gaggagagga gaggagagga 120
 gaggagagga gaggagagga gaggagagga gaggagagga gaggagagga 180
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 gaggagagga gagggagttc gcatgtgctt 270

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 <223> Sequence "agagg" repeats 1-50 times, maximum number of repeats shown

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 gaggagagga gaggagagga gaggagagga gaggagagga gaggagagga gaggagagga 180
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 gaggagagga gagg 254